



SFW

Atty. Dkt. No. 027053-0107

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Angela BELCHER et al.
Title: Peptide Mediated Synthesis of Metallic and Magnetic Materials
Appl. No.: 10/665,721
Filing Date: 9/22/2003
Examiner: Not Yet Assigned
Art Unit: 1651

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of a document known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed document is being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign search report.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date

November 2, 2004

By

J. Steven Rutt

FOLEY & LARDNER LLP

Customer Number: 22428

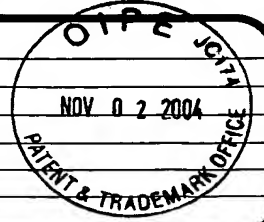
Telephone: (202) 672-5569

Facsimile: (202) 672-5399

J. Steven Rutt
Attorney for Applicant
Registration No. 40,153

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: October 27, 2004 <i>(use as many sheets as necessary)</i>				Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/665,721</td> </tr> <tr> <td>Filing Date</td> <td>09/22/2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Angela M. Belcher</td> </tr> <tr> <td>Group Art Unit</td> <td>1651</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>027053-0107</td> </tr> </table>		Application Number	10/665,721	Filing Date	09/22/2003	First Named Inventor	Angela M. Belcher	Group Art Unit	1651	Examiner Name	Unassigned	Attorney Docket Number	027053-0107
Application Number	10/665,721																
Filing Date	09/22/2003																
First Named Inventor	Angela M. Belcher																
Group Art Unit	1651																
Examiner Name	Unassigned																
Attorney Docket Number	027053-0107																
Sheet	1	of	1														



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	WO	03/029431	A	Texas Univ.	04-10-2003		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A2	MAO, Chuanbin, et al., "Viral assembly of oriented quantum dot nanowires", PNAS, vol. 100, no. 12, pp. 6946-6951 (June 2003).	
	A3	NAIK, R., et al., "Biomimetic synthesis and patterning of silver nanoparticles", Nature Materials, vol. 1, no. 3, pp. 169-172 (November 2002).	
	A4	LEE, Seung-Wuk, et al., "Ordering of quantum dots using genetically engineered viruses", SCIENCE, vol. 296, pp. 892-895 (May 2002).	
	A5	LEE, J., et al., "Layer-by-layer growth of CDSE-based nanocrystal light-emitting diodes", Journal of Nanoscience and Nanotechnology, vol. 1, no. 1, pp. 569-64 (2001).	
	A6	HAAPARANTA, T., et al., "A combinatorial method for constructing libraries of long peptides displayed by filamentous phage", Molecular Diversity, pp. 39-52 (1995).	
	A7	REISS, Brian D., et al., "Biological Routes to Metal Alloy Ferromagnetic Nanostructures", Nano. Lett. pp. A-F (2004).	

Examiner Signature	Date Considered	
--------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: October 27, 2004 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/665,721
				Filing Date	09/22/2003
				First Named Inventor	Angela M. Belcher
				Group Art Unit	1651
				Examiner Name	Unassigned
				Attorney Docket Number	027053-0107
Sheet	2	of	1		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A8	PCT International Search Report, PCT/US03/29555 (two pages)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.